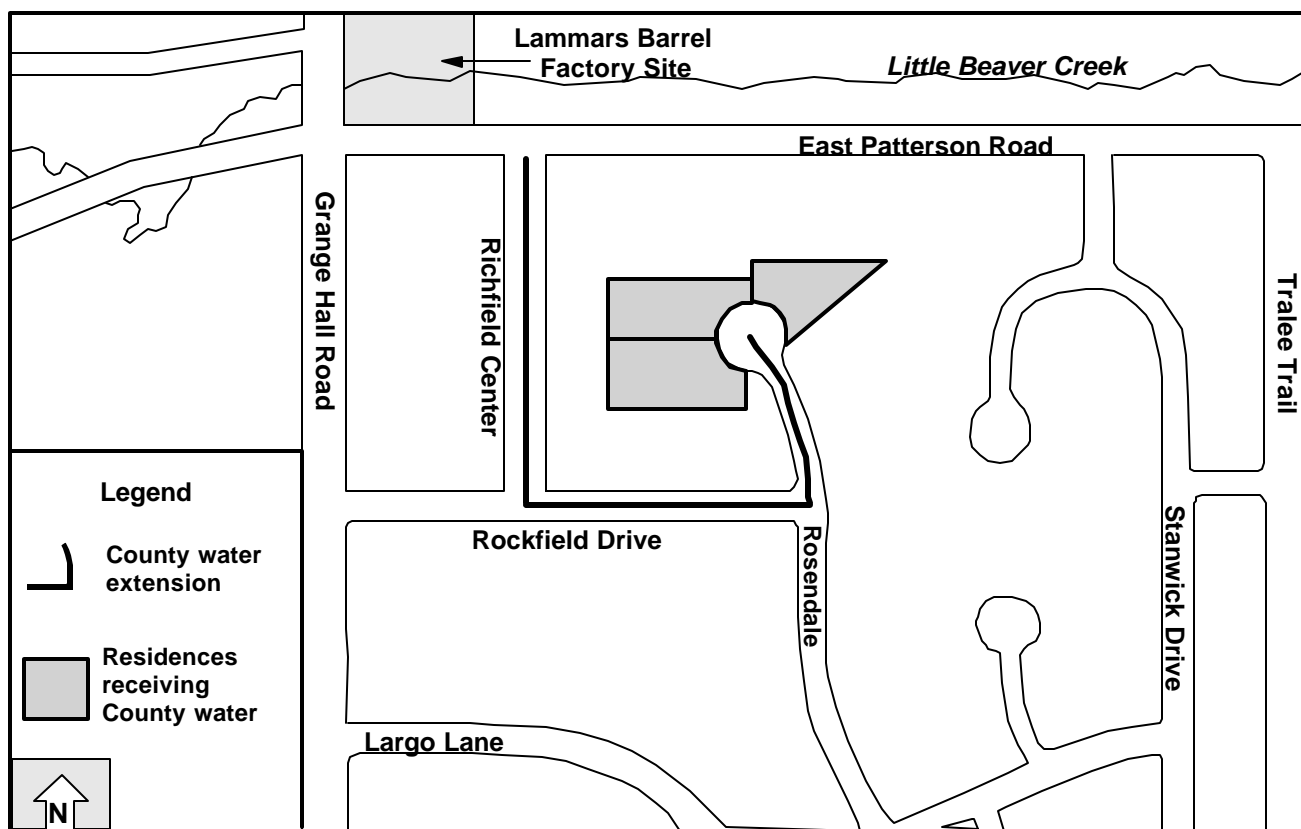




Crews To Extend County Water Service Lammers Barrel Factory Site

Beavercreek, Ohio

October 2000



Site location in relation to County water line extension.

Crews will soon extend county water service to residences that have private wells with levels of contamination that exceed Federal guidelines for drinking water. This fact sheet provides answers to questions that residents may have.

Why is county water extension necessary?

A number of homes in the Woodhaven subdivision have private wells with levels of contamination that exceed Federal guidelines

for drinking water. U.S. Environmental Protection Agency (U.S. EPA) believes that the ground water that supplies water to these wells and others in the neighborhood is contaminated by chemicals released during the operation of and subsequent fire at the former Lammers Barrel Factory, located on the northeast corner of Grange Hall and East Patterson Road in Beavercreek.

What is the history of the Lammers Barrel site?

Lammers Barrel operated as a chemical recycling facility from 1953 until 1969. As a result of a September 1969 fire, chemicals migrated into the soil and ground water. On-site soil is now contaminated with organic chemicals (solvents is an example of an organic chemical) and metals, and is considered by U.S. EPA to be the source of the ground water contamination. Contamination in some private residential wells was first discovered in the mid-1980s. In 1985, U.S. EPA, as an emergency measure, extended county water service to nine residences along East Patterson Road with wells containing vinyl chloride, a known cancer-causing chemical. Through additional investigations, U.S. EPA and Ohio EPA learned that ground water contamination extends from the site outward to the east, south, and southeast and impacts an area along the northern end of the Woodhaven subdivision.

Who will be connected to the county water line?

Three homes located at the north end of Rosendale Circle will be connected to the county water line extension. These wells exceed Federal drinking water guidelines for several organic chemicals. To reach these homes, a new water line will be connected to the existing main at Richfield Center Drive (near the intersection of East Patterson), travel south to the south side of Rockfield Drive, travel east to the eastern side of Rosendale Drive, and travel north to the affected homes on Rosendale Circle.

When will county water lines be installed?

Crews are scheduled to begin installing the county water line in mid-October. The water main installation is expected to take about two weeks. Service connections to the homes are expected to take an additional week.

How will the water lines be installed?

The water line extension will use a directional boring process in order to reduce disturbance to roads, businesses, and residents. A boring

machine will auger a hole horizontally underground, between 4.5 and 6 feet deep, along the water line route on Richfield Center Drive, Rockfield Drive, and Rosendale Drive. A high density polyethylene pipe will then be "backpulled" through the length of the hole from key points along the street. To connect the pipe and install fittings, valves, and hydrants, about nine pits (5' W x 5' L x 5' deep) will be dug in the right of ways. Crews will restore disturbed landscaping and repair the road after installation of the waterline is complete.

At each residence to be connected, crews will dig two pits in order to place the water meter and to connect the pipe from the street to the plumbing in the home. Because this connection will make use of existing piping associated with the residential well, the well will not operate after the connection unless it has been retrofitted by a plumber at the owner's expense.

Roads and driveways are expected to be accessible during work hours, except during short periods when equipment is being moved.

Who will pay for and install the water lines?

U.S. EPA will fund the water line extension and the connection of affected homes on Rosendale Circle. Under an agreement with U.S. EPA, the U.S. Army Corps of Engineers will oversee the work, with assistance from the Greene County Office of Sanitary Engineering and Ohio EPA. Field work will be conducted by local contractors and plumbers.

What happens if contamination above Federal drinking water guidelines spreads beyond the area with access to county water service?

As part of the overall cleanup of the Lammers Barrel site, a limited monitoring program of residential wells will continue. If additional wells become contaminated above Federal drinking water guidelines, U.S. EPA will make appropriate responses at that time. Homes with wells currently being monitored but are not connected to the county water line will continue to be monitored for possible contamination.

If my well does not exceed Federal drinking water guidelines, can I still connect to the county water service?

Residences on Richfield Center Drive, Rockfield Drive, Rosendale Drive, and Rosendale Circle with direct access to the water line can connect to the county water service after U.S. EPA and its contractors have completed work on the three homes on Rosendale Circle. Residents who decide to

connect to the county water line may do so at their own expense. For more information, contact the project manager, Mark Muterspaw, at Greene County - Office of Sanitary Engineering, 667 Dayton-Xenia Road, Xenia, Ohio, 45385. He can also be contacted by phone at (937) 562-7499 or email at mmuterspaw@co.greene.oh.us.

Additional Information

For questions about the site, please contact any of the following individuals:

Bri Bill

Community Involvement Coordinator
Office of Public Affairs (P-19J)
(800) 621-8431 x 36646
bill.briana@epa.gov

***Rosita Clarke-Moreno**

Remedial Project Manager
Superfund Division (SR-6J)
(800) 621-8431 x 67251
clarke.rosita@epa.gov

U.S. EPA Region 5
77 West Jackson Boulevard
Chicago, Illinois 60604
(800) 621-8431 (U.S. EPA toll-free hotline)

***Joe Smindak**

Senior Site Coordinator
Ohio EPA, SW District Office
401 East 5th Street
Dayton, Ohio 45402-2911
(937) 285-6064
joe.smindak@epa.state.oh.us

* Rosita Clarke-Moreno and Joe Smindak are new managers to the Lammers Barrel project, replacing Heather Nelson (U.S. EPA Remedial Project Manager), and Dionne Driscoll and Amy Gibbons-Bohler (Ohio EPA site managers), who are no longer with the Agencies.

Documents related to the Lammers site are available for review in the local information repository, at:

Beavercreek Community Library
Reference Desk
3618 Dayton-Xenia Road
Beavercreek, Ohio

To review previous U.S. EPA fact sheets for this site, please visit the information repository or U.S. EPA's web site:

www.epa.gov/region5/sites/



U.S. Environmental Protection Agency
Region 5 Office of Public Affairs (P-19J)
77 West Jackson Boulevard
Chicago, Illinois 60604

ADDRESS CORRECTION REQUESTED

Official Business

Penalty for Private Use - \$300

REPRODUCED ON RECYCLED PAPER